



IAP6 Rec'd PCT/PTO 29 JAN 2007  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dirk Beher et al.

Serial No.: 10/580,286

Case No.: T1615YP

Filed: May 24, 2006

For: 1-ALKYL-3-THIO-SUBSTITUTED INDOLE-2-ALKYNOIC ACIDS  
USEFUL FOR THE TREATMENT OF ALZHEIMER'S DISEASE  
AND RELATED CONDITIONS

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22131-1450

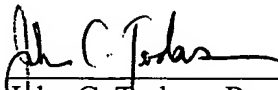
**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER  
35 U.S.C. 371 IN THE UNITED STATES DESIGNATED OFFICE**

Sir:

In response to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated Office, mailed January 19, 2007, a copy of which is attached hereto, enclosed is the Declaration and Power of Attorney executed by the inventors.

Enclosed is a Fee Sheet authorizing payment of the \$130.00 surcharge. If there are any deficiencies, please also charge these to Merck Deposit Account number 13-2755.

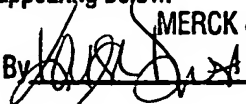
Respectfully submitted,

By   
John C. Todaro, Reg. No. 36,036  
Attorney for Applicant

MERCK & CO., Inc.  
P.O. Box 2000  
Rahway, New Jersey 07065-0907  
(732) 594-0125

Date: January 26, 2007

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22131-1450, on the date appearing below.

MERCK & CO., INC.  
By  Date 1-26-07

# MISC. FEE TRANSMITTAL

Patent fees are subject to annual revision.

JAN 29 2007

TOTAL AMOUNT OF PAYMENT

\$130

## Complete if Known

Application Number	10/580,286
Filing Date	May 24, 2006
First Named Inventor	Dirk Beher
Examiner Name	To Be Assigned
Group Art Unit	To Be Assigned
Attorney Docket Number	T1615YP

## METHOD OF PAYMENT

☒ Deposit Account

Deposit Account Number 13-2755

Deposit Account Name Merck & Co., Inc.

The Director is authorized to:

☒ Charge fee(s) indicated below

☒ Credit any overpayments

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17

## FEE CALCULATION

### FEES

#### Large Entity

Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	130
1051	130	Non-English Specification	
1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1402	500	Filing a brief in support of an appeal	
1452	500	Petition to revive - unavoidable	
1453	1,500	Petition to revive - unintentional	
1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	Submission of Information Disclosure Statement	
1809	790	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	For each additional invention to be examined (37 CFR 1.129(b))	
1840	130	Statutory Terminal Disclaimer under 37 CFR 1.321	
Other fee (specify) _____			
Other fee (specify) _____			

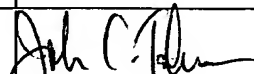
01/31/2007 HKAYPAGH 00000118 132755 10580286

01 FC:1617 130.00 DA

TOTAL \$130

## SUBMITTED BY

## Complete (if applicable)

Typed or Printed Name	John C. Todaro	Reg. Number	36,036
Signature		Date	01/26/2007
		Deposit Account User ID	

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date appearing below.

MERCK & CO., INC.



UNITED STATES PATENT AND TRADEMARK OFFICE

DOCKETED

LOH 501-151

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/580,286	Dirk Behr	T1615YP

210  
 MERCK AND CO., INC  
 P O BOX 2000  
 RAHWAY, NJ 07065-0907

INTERNATIONAL APPLICATION NO.	
PCT/GB04/04985	
I.A. FILING DATE	PRIORITY DATE
11/25/2004	12/03/2003

CONFIRMATION NO. 4169

371 FORMALITIES LETTER



\*OC000000022053987\*

Date Mailed: 01/19/2007

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/24/2006
- Copy of the International Search Report filed on 05/24/2006
- Preliminary Amendments filed on 05/24/2006
- Information Disclosure Statements filed on 05/24/2006
- Request for Immediate Examination filed on 05/24/2006
- U.S. Basic National Fees filed on 05/24/2006
- Priority Documents filed on 05/24/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

*(MMP)  
 oath/IDC due  
 supp. fees due  
 by 3-19-07*

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.  
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at **1-866-217-9197** or visit our website at <http://www.uspto.gov/ebc>.

**If you are not using EFS-Web to submit your reply, you must include a copy of this notice.**

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/580,286	PCT/GB04/04985	T1615YP